

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1683	@ad< "20001226" and @pd> "20050929" and ((music audio sound) with (file record recording))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:47
L2	4022031	frequency frequent often repeat\$2 recurr\$5	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:48
L3	19	@ad< "20001226" and @pd> "20050929" and ((music audio sound) with (file record recording)) and ((frequency frequent often repeat\$2 recurr\$5) with (usage use playback open\$3 view\$3 us\$3)) and (server\$2 computer\$2 client\$2 host\$2 storage drive\$2) and (network\$3 remote) and (user with (preference favorite preferred frequented)) and (file with attributes)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:51
S1	11230377	@ad< "20001226"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/09/29 12:45
S2	546038	music audio sound	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 12:46
S3	1184188	file record recording	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 12:46
S4	82325	S2 with S3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 12:46
S5	2793801	frequency frequent often repeat\$2 recurr\$5	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 12:48

S6	12164439	usage use playback open \$3 view\$3 us\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 12:48
S7	920478	S5 with S6	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 12:49
S8	3779322	server\$2 computer\$2 client \$2 host\$2 storage drive\$2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 12:49
S9	1103116	network\$3 remote	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 12:49
S10	35987	user with (preference favorite preferred frequented)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 12:50
S11	27909	S4 and S7	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 12:50
S12	17803	S11 and S9	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 12:50
S13	3718	S10 and S12	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 12:50
S14	1138	S1 and S13	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 12:51
S15	12865	file with attributes	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 12:51
S16	104	S14 and S15	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 13:01

S17	48	( "6222807" "6222807" "6583348" "6912514" "5636276" "6449226" "5841871" "5880974" "6477549" "6512915" "6782409" "6194647" "6226672" "6226672" "6476306" "6714920" "5890910" "5589947" "5691964" "6578047" "5517652" "5522041" "5671354" "5751959" "5950206" "5956038" "5991773" "5999968" "6085225" "6101488" "6115472" "6125428" "6192251" "6243662" "6308203" "6330453" "6411620" "6477383" "6487557" "6572025" "6580756" "6674439" "6810325" "6829619" "6859837" "6047376" "6598230" "5742893" "5311492" "5608759").pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 13:01
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S20	98	S19 not S16	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/09/29 13:01
S21	22	("5749081"   "5758257"   "5790426"   "5884282"   "5890152"   "5913204"   "5983200"   "6003020"   "6026387"   "6041311"   "6049777"   "6064980"   "6078740"   "6092049"   "6112186"   "6175831"   "6226672"   "6236978"   "6353813"   "6381651"   "6408288"   "6460036"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 14:03
S22	11132	hayashi.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 14:06
S23	0	"kazuhiro hayashi".in.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 14:06
S24	67	"hayashi, kazuhiro".in.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 14:10
S25	1	"6831798".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 14:22
S26	171	"takahashi, takeshi".in.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 14:22
S27	7168	pioneer.as.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 14:22
S28	11	music and S26	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 14:23
S29	857	music and S27	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 14:42
S30	1	"20020099706"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/29 14:42
S31	2	"7072846".pn. "7130251". pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2009/10/13 12:53
S32	1991095	@pd> "20050929"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/13 13:41

S33	11282058	@ad< "20001226"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2009/10/13 13:41
S34	857762	music audio sound	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:41
S35	1754142	file record recording	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:41
S36	147450	S34 with S35	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:41
S37	4022031	frequency frequent often repeat\$2 recurr\$5	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:41
S38	11282058	@ad< "20001226"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2009/10/13 13:42
S39	857762	music audio sound	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:42
S40	1754142	file record recording	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:42
S41	147450	S39 with S40	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:42
S42	4022031	frequency frequent often repeat\$2 recurr\$5	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:42
S43	1768777	network\$3 remote	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:42
S44	83442	user with (preference favorite preferred frequented)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:42
S45	26203	file with attributes	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:42

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S51	857762	music audio sound	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:46
S52	1754142	file record recording	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:46
S53	147450	S51 with S52	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2009/10/13 13:46

10/ 13/ 09 1:54:08 PM

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